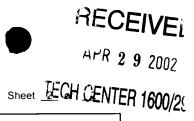
Sheet <u>1</u> of <u>2</u>

Attorney Docket No. 01997/521002 SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE RECEIVED PATENT AND TRADEMARK OFFICE 09/559,622 Serial No. Rajesh Ranganathan Aar N 2 9 2002 Applicant INFORMATION DISCLOSURE April 27, 2000 TECH CENTER 1600/290:J STATEMENT BY APPLICANT Filing Date (Use several sheets if necessary) Group **IDS Filed** April 23, 2002 Customer No. 21559 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Examiner's Document Publication Country or Class Subclass Translation Initials Number Date Patent Office (Yes/No) OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Blakely et al., "Cloning and Expression of a Functional Serotonin Transporter from Rat Brain," Nature 354:66-70 (1991).Choy and Thomas, "Fluoxetine-Resistant Mutants in C. elegans Define a Novel Family of Transmembrane Proteins," Mol. Cell 4:143-152 (1999). Corey et al., "A Cocaine-Sensitive Drosophila Serotonin Transporter: Cloning, Expression, and Electrophysiological Characterization," Proc. Natl. Acad. Sci. USA 91:1188-1192 (1994). Demchyshyn et al., "Cloning, Expression, and Localization of a Chloride-Facilitated, Cocaine-Sensitive Serotonin Transporter from Drosophila melanogaster," Proc. Natl. Acad. Sci. USA 91:5158-5162 (1994). Desai et al., "A Genetic Pathway for the Development of the Caenorhabditis elegans HSN Motor Neurons," Nature 336:638-646 (1988) Hamdan et al., "Characterization of a Novel Serotonin Receptor from Caenorhabditis elegans: Cloning and Expression of Two Splice Variants," Journal of Neurochemistry 72:1372-1383 (1999). Horvitz et al., "Serotonin and Octopamine in the Nematode Caenorhabditis elegans," Science 216:1012-1014 (1982)Huang et al., "Alternative-Splicing of Serotonin Receptor Isoforms in the Pharynx and Muscle of the Parasitic Nematode, Ascaris suum," Molecular and Biochemical Parasitology 101:95-106 (1999). Mendel et al., "Participation of the Protein G. in Multiple Aspects of Behavior in C. elegans," Science 267:1652-1655 (1995). Olde and McCombie, "Molecular Cloning and Functional Expression of a Serotonin Receptor from Caenorhabditis elegans," Journal of Molecular Neuroscience 7:53-62 (1997). Ramamoorthy et al., "Antidepressant- and Cocaine-Sensitive Human Serotonin Transporter: Molecular Cloning, Expression, and Chromosomal Localization," Proc. Natl. Acad. Sci. USA 90:2542-2546 (1993). Sawin, "Genetic and Cellular Analysis of Modulated Behaviors in Caenorhabditis elegans," Massachusetts Institute of Technology, (Ph.D. Thesis) (1996). Sawin et al., "C. elegans Locomotory Rate Is Modulated by the Environment through a Dopaminergic Pathway and by Experience through a Serotonergic Pathway." Neuron 26:619-631 (2000). Ségalat et al., "Modulation of Serotonin-Controlled Behaviors by G in Caenorhabditis elegans," Science 267:1648-1651 (1995). **EXAMINER** DATE CONSIDERED we l EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

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					Applicant		Rajesh Ranganathan et al.	
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				Group		1632		
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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 01997/521002 Attorney Docket No. MODIFIED) PATENT AND TRADEMARK OFFICE Serial No. 09/559,622 Ranganathan, et al. Applicant INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date April 27, 2000 (Use several sheets if necessary) Group 1643 CFR §1.98(b)) **IDS Filed** August 25, 2000 U.S. PATENTS Examiner's Patent Number Issue Date Patentee Class Subclass Filing Date (If Appropriate) Initials FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Examiner's Document Publication Country or Class Subclass Translation Patent Office Initials Number Date (Yes/No) MER 1EU OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Ali et al., "Ionotropic and metabotropic activation of a neuronal chloride channel by serotonin and dopamine in the leech Hirudo medicinalis," Journal of Physiology, 509.1: 211-219, 1998. De Montigny et al., "Tricyclic antidepressants: long-term treatment increases responsivity of rat forebrain neurons to serotonin," Science, 202.1303-1306, 1978. Garner et al., "Serotonin activates CI-channels in the apical membrane of rat choroid plexus epithelial cells," Eur. J. Pharmacol., 239:31-37, 1993. Hung et al., "Regulation of mouse choroid plexus apical Cl' and K⁺ channels by serotonin," Brain Res., 617:285-295, 1993. Koumenis et al., "Identification of Three Proteins in the Eye of Aplysia, Whose Synthesis Is Altered by Serotonin (5-HT)," Journal of Biological Chemistry, 270(24):14619-14627, 1995. Lessmann et al., "Two kinetically distinct 5-hydroxytyptamine-activated Cl-conductances at Retzius P-cell synapses of the medicinal leech," *J. Neurosci.*, 15:1496-1505, 1995. Lessmann et al., "Development of Serotonin-Induced Ion Currents in Identified Embryonic Retzius Cells From the Medicinal Leech (Hirudo medicinalis)," The J. of Neuroscience, 11(3):800-809, 1991 Liu et al., "High-Throughout Isolation of Caenorhabditis elegans Deletion Mutants," Genome Research, 9:859-887, 1999. Madison et al., "Phorbol esters block a voltage-sensitive chloride current in hippocampal pyramidal cells," Nature, 321:695-697, 1986. Munsch and Schlue, "Intracellular chloride activity and the effect of 5-hydroxytryptamine on the chloride conductance of leech Retzius neurons," Eur. J. Neurosci., 5:1551-1557, 1993. Parra et al., "How many subtypes of inhibitory cells in the hippocampus?," Neuron, 20:983-993, 1998. Ranganathan and Horvitz, "mod-1 and mod-5, Two Genes Involved in the Serotonin-Mediated Experience-Dependent Modulation of Locomotion," 1998 East Coast C. elegans Meeting, May 12, 1998. Ranganathan et al., "An Ionotropic Serotonin Receptor and a Serotonin Reuptake Transporter are Involved in Experience-Dependent Modulation of Behavior," 1999 International C. elegans Meeting, March 17, 1999. DATE CONSIDERED **EXAMINER**

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